LISTING OF THE CLAIMS:

This listing of the claims will replace all prior versions, and listings, of the claims in the application.

Claims 1-9 (Canceled)

1   10. (Currently Amended) <u>Software embodied in one or more computer readable-</u>

2   <u>media when executed operable to:</u> A computer program product for use in a system having at least

3   one client computer and one network server coupled to a network environment, where the client

4   computer displays

5   <u>display, on a client computer coupled to a network environment,</u> one of a plurality of

6   two-dimensional secondary spatial images <u>being components</u> of an original multi-dimensional image

7   <u>having more than two dimensions,</u> with <u>an indicated location</u> locations in the two-dimensional

8   secondary spatial image specified by values of first and second <u>coordinates, specifying the position</u>

9   <u>of the indicated location in the two-dimensional spatial image,</u> and <u>specified by at least one</u> [a]

10   predefined additional coordinate <u>which, in combination with the first and second coordinates,</u>

11   <u>specifies the position of the indicated location;</u> of a corresponding location in the original multi-

12   dimensional image, with the computer program product recorded onto a computer usable medium,

13   having computer readable program code physically embodied thereon, that is capable of being

14   executed by the network server for associating specified program actions with locations in images

15   viewed on the client computer the computer program product comprising:

16   computer readable program code for causing the network server to read a secondary

17   image map, <u>at a server computer coupled to the network environment,</u> with the secondary image

18   map having unique entries correlating to values of the first, second, and additional coordinates of the

19   original multi-dimensional image, with each entry <u>including</u> holding a pointer value;

20   computer readable program code for causing the network server to access<u>, at the</u>

21   <u>server computer,</u> a selected entry of the secondary image map specified by particular values of the

22   first, second, and additional coordinates <u>of an indicated location</u> to retrieve a selected pointer

23   <u>included in</u> held by the selected entry when <u>the indicated location</u> a particular location of the two-

24   dimensional secondary spatial image displayed on the client computer is selected, with the particular

25   values of the <u>first and second</u> first, second, and additional coordinates sent to the server computer

26   from the client computer over the computer network environment; and

27   ~~computer readable program code for causing the network server to~~ utilize, at the

28   server computer, a retrieved selected pointer to access hot program actions associated with the

29   indicated ~~particular~~ location in the original multi-dimensional image.

1

1   11. (currently amended) A method comprising: ~~implemented on a network server in~~

2   ~~a system having at least one client computer and one network server coupled to a network~~

3   ~~environment, where the client computer displays~~

4   displaying, on a client computer coupled to a network environment, one of a plurality

5   of two-dimensional secondary spatial images being components of an original multi-dimensional

6   image having more than two dimensions, with an indicated location ~~locations~~ in the two-dimensional

7   secondary spatial image specified by values of first and second coordinates, specifying the position

8   of the indicated location in the two-dimensional spatial image, and specified by at least one [a]

9   predefined additional coordinate which, in combination with the first and second coordinates

10   specifies the position of the indicated location in the original multi-dimensional image; ~~of a~~

11   ~~corresponding location in the original multi-dimensional image, with the method for associating~~

12   ~~specified program actions with locations in images viewed on the client computer, the method~~

13   ~~comprising:~~

14   reading a secondary image map, at a server computer coupled to the network

15   environment, with the secondary image map having ~~unique~~ entries correlating to values of the first,

16   second, and additional coordinates of the original multi-dimensional image, with each entry

17   including ~~holding~~ a pointer value;

18   accessing, at the server computer, a selected entry of the secondary image map

19   specified by particular values of the first, second, and additional coordinates of an indicated location

20   to retrieve a selected pointer included in ~~held by~~ the selected entry when the indicated ~~a particular~~

21   location of the two-dimensional secondary spatial image displayed on the client computer is

22   selected, with the particular values of the first and second ~~first, second, and additional~~ coordinates

23   sent to the server computer from the client computer over the computer network environment; and

24   utilizing a retrieved selected pointer, at the server computer, to access hot program

25   actions associated with the indicated ~~particular~~ location in the original multi-dimensional image.

1   12. (New) The software of claim 10 where the multi-dimensional image is a three

2 dimensional volume image and the two-dimensional secondary spatial image is a planar slice of the

3 three-dimensional volume image.

1   13. (New) The software of claim 10 where the multi-dimensional image is a video

2 clip and the two-dimensional secondary spatial image is a frame of the video clip.

1   14. (New) The method of claim 11 where the multi-dimensional image is a three

2 dimensional volume image and the two-dimensional secondary spatial image is a planar slice of the

3 three-dimensional volume image.

1   15. (New) The method of claim 11 where the multi-dimensional image is a video clip

2 and the two-dimensional secondary spatial image is a frame of the video clip.